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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(file as many sheets as necessary)</i>		Complete If Known	
		Application Number	10/587,906
		Filing Date	July 31, 2006
		First Named Inventor	Hisayoshi MIZUGAKI et al.
		Art Unit	2821
Sheet 1 of 2	Examiner Name	Shih-ling Chen	
		Attorney Docket Number	1204.46397X00

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
ce		US- 6,239,762	B1	05/29/2001	LIER	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
CE		JP 06-053734	02/25/1994	Yagi Antenna Co. Ltd.		Abs
CE		JP 08-154013	06/11/1996	Hitachi Chem. Co. Ltd.		Abs
CE		JP 04-082405	03/16/1992	Hitachi Chem. Co. Ltd.		Abs
CE		JP 05-160626	06/25/1993	Hitachi Chem. Co. Ltd.		Abs
CE		JP 01-165207	06/29/1989	Arimura Giken KK		Abs

Examiner Signature	Shih-ling Chen	Date Considered	12/10/07
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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			Application Number		
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			Group Art Unit		
			Examiner Name		
Sheet	2	of	2	Attorney Docket Number	1204.46397X00

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
ca		Antenna Engineering Handbook (pages 200-205) dated July 10, 1984 in English and Japanese	
ca		Decision of Refusal (Office Action) dated October 6, 2005, in JP 2004-57872 (in English and Japanese)	
ca		Decision of Refusal (Office Action) dated April 5, 2005 in JP 2004-57872 (in English and Japanese)	

Examiner Signature	shih-hao chen	Date Considered	12/10/07
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